#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1645
Examiner :
Serial No. : 09/975,456
Filed : October 11, 2001
Inventors : Michel Lazdunski
: Gerard Lambeau
: Emmanuel Valentin
Title : NOVEL MAMMALIAN
: SECRETED GROUP
: IIF PHOSPHOLIPASE
: A_2

PATENT TRADEMARK OFFICE

Docket No.: 1478-R-00

Confirmation No.: 9176

Dated: May 6, 2002

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 C.F.R. 1.821-1.825

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In connection with the Substitute Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

1. The submission filed in accordance with 37 C.F.R. 1.821(g), does not include new matter;

2. The content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. 1.821(c) and (e), respectively, are the same; and

3. All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such

willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

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Date: May 6, 2002
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SEQUENCE LISTING

<110> LAZDUNSKI, MICHEL
LAMBEAU, GERARD
VALENTIN, EMMANUEL

<120> NOVEL MAMMALIAN SECRETED GROUP IIF PHOSPHOLIPASE A2

<130> 1478-R-00

<140> 09/975,456
<141> 2001-10-11

<150> 60/239,491
<151> 2000-10-11

<160> 10

<170> PatentIn version 2.1

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<213> Homo sapiens

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Thr Ala His Gly Ser Leu Leu Asn Leu Lys Ala Met Val Glu Ala Val
20 25 30

aca ggg agg agc gcc atc ctg tcc ttc gtg ggc tac ggt tgc tac tgt 144
Thr Gly Arg Ser Ala Ile Leu Ser Phe Val Gly Tyr Gly Cys Tyr Cys
35 40 45

ggg ctg ggg ggc cgt ggc cag ccc aag gat gag gtg gac tgg tgc tgc 192

Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys
50 55 60

cac gcc cac gac tgc tgc tac cag gaa ctc ttt gac caa ggc tgt cac 240
His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His
65 70 75 80

ccc tat gtg gac cac tat gat cac acc atc gag aac aac act gag ata 288
Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile
85 90 95

gtc tgc agt gac ctc aac aag aca gag tgt gac aag cag aca tgc atg 336
Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met
100 105 110

tgt gac aag aac atg gtt ctg tgc ctc atg aac cag acg tac cga gag 384
Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu
115 120 125

gag tac cgt ggc ttc ctc aat gtc tac tgc cag ggc ccc acg ccc aac 432
Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn
130 135 140

tgc agc atc tat gaa ccg ccc cct gag gag gtc acc tgc agt cac caa 480
Cys Ser Ile Tyr Glu Pro Pro Pro Glu Glu Val Thr Cys Ser His Gln
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35 40 45

Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys
50 55 60

His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His
65 70 75 80

Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile
85 90 95

Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met
100 105 110

Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu
115 120 125

Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn

130 135 140

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35 40 45

Cys Tyr Cys Gly Leu Gly Gly Ser Gly Thr Pro Val Asp Glu Leu Asp
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Lys Cys Cys Gln Thr His Asp Asn Cys Tyr Asp Gln Ala Lys Lys Leu
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Asp Ser Cys Lys Phe Leu Leu Asp Asn Pro Tyr Thr His Thr Tyr Ser
85 90 95

Tyr Ser Cys Ser Gly Ser Ala Ile Thr Cys Ser Ser Lys Asn Lys Glu
100 105 110

Cys Glu Ala Phe Ile Cys Asn Cys Asp Arg Asn Ala Ala Ile Cys Phe
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35 40 45

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Val Thr His Asp Cys Cys Tyr Lys Arg Leu Glu Lys Arg Gly Cys Gly
65 70 75 80

Thr Lys Phe Leu Ser Tyr Lys Phe Ser Asn Ser Gly Ser Arg Ile Thr
85 90 95

Cys Ala Lys Gln Asp Ser Cys Arg Ser Gln Leu Cys Glu Cys Asp Lys
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35 40 45

Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Ala Thr Asp Trp Cys Cys
50 55 60

Gln Thr His Asp Cys Cys Tyr Asp His Leu Lys Thr Gln Gly Cys Ser
65 70 75 80

Ile Tyr Lys Asp Tyr Tyr Arg Tyr Asn Phe Ser Gln Gly Asn Ile His
85 90 95

Cys Ser Asp Lys Gly Ser Trp Cys Glu Gln Gln Leu Cys Ala Cys Asp
100 105 110

Lys Glu Val Ala Phe Cys Leu Lys Arg Asn Leu Asp Thr Tyr Gln Lys
115 120 125

Arg Leu Arg Phe Tyr Trp Arg Pro His Cys Arg Gly Gln Thr Pro Gly
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Cys
145

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35 40 45

Leu Gln Tyr Asn Asp Tyr Gly Cys Tyr Cys Gly Ile Gly Gly Ser His

50 55 60

Trp Pro Val Asp Gln Thr Asp Trp Cys Cys His Ala His Asp Cys Cys
65 70 75 80

Tyr Gly Arg Leu Glu Lys Leu Gly Cys Glu Pro Lys Leu Glu Lys Tyr
85 90 95

Leu Phe Ser Val Ser Glu Arg Gly Ile Phe Cys Ala Gly Arg Thr Thr
100 105 110

Cys Gln Arg Leu Thr Cys Glu Cys Asp Lys Arg Ala Ala Leu Cys Phe
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35 40 45

Gly Trp Gly Gly Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys
50 55 60

Trp Ala His Asp His Cys Tyr Gly Arg Leu Glu Glu Lys Gly Cys Asn
65 70 75 80

Ile Arg Thr Gln Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr
85 90 95

Cys Glu Pro Gly Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg
100 105 110

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115 120 125

Tyr Gln Tyr Phe Pro Asn Ile Leu Cys Ser
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<212> PRT
<213> Homo sapiens

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20 25 30

Gly Ile Leu Glu Leu Ala Gly Thr Val Gly Cys Val Gly Pro Arg Thr
35 40 45

Pro Ile Ala Tyr Met Lys Tyr Gly Cys Phe Cys Gly Leu Gly Gly His
50 55 60

Gly Gln Pro Arg Asp Ala Ile Asp Trp Cys Cys His Gly His Asp Cys
65 70 75 80

Cys Tyr Thr Arg Ala Glu Glu Ala Gly Cys Ser Pro Lys Thr Glu Arg
85 90 95

Tyr Ser Trp Gln Cys Val Asn Gln Ser Val Leu Cys Gly Pro Ala Glu
100 105 110

Asn Lys Cys Gln Glu Leu Leu Cys Lys Cys Asp Gln Glu Ile Ala Asn
115 120 125

Cys Leu Ala Gln Thr Glu Tyr Asn Leu Lys Tyr Leu Phe Tyr Pro Gln
130 135 140

Phe Leu Cys Glu Pro Asp Ser Pro Lys Cys Asp

145 150 155